# DT01 Rec'd PCT/PTC 2 3 FEB 2005

PATENT 24500-000015/US

#### IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s):

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Jennifer Mary BARNES and Jonathan HEFFERNAN

Int'l Application No.:

PCT/JP2003/010420

Application No.:

**NEW APPLICATION** 

Filed:

February 23, 2005

For:

MBE GROWTH OF A SEMICONDUCTOR LAYER

**STRUCTURE** 

# INFORMATION DISCLOSURE STATEMENT (SUBMISSION CONCURRENT WITH THE FILING OF A NEW PATENT APPLICATION)

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314 Mail Stop PCT February 23, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

#### I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

## II. <u>COPIES</u>

$\boxtimes$	Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each
	publication or that portion which caused it to be listed; and (iii) all other information
	or that portion which caused it to be listed.

This application is a National Phase of a PCT application. All of the documents listed
on the PTO-1449 are not enclosed because they were cited in the International Search
Report and copies should be forwarded from the International Search Authority. If
copies are needed, please contact the undersigned.

## DT01 Rec'd PCT/PTC 2 3 FEB 2005

New PCT National Phase Application Docket No. 24500-000015/US

			Docket 110. 2 1300 000013/03						
	Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.								
III.	CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)								
	a.	$\boxtimes$	DOCUMENTS IN THE ENGLISH LANGUAGE						
			The attached patents, publications, or other information in the English language do not require a statement of relevancy.						
	b.	DOCUMENTS NOT IN THE ENGLISH LANGUAGE							
			A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:						
	c.	$\boxtimes$	ENGLISH LANGUAGE SEARCH REPORT						
			An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).						
	d.	$\boxtimes$	OTHER						
			The following additional information is provided for the Examiner's consideration.						
			International Search Report, International Preliminary Examination Report and Written Opinion.						

### <u>FEES</u>

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

## BTO1 Rec'd PCT/PTC 23 FEB 2005

New PCT National Phase Application Docket No. 24500-000015/US

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

Bv:

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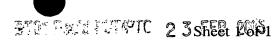
Enclosures:

DJD/bof

Form PTO-1449(s)

International Search Report, International Preliminary

Examination Report and Written Opinion



Form PTO-1	1449	ATTY DOCKET NO.  24500-000015/US  ATTY DOCKET NO.  NEW APPLICATIO				" <i>" "</i>				
INF	ORMATION DISCLOSURE IN AN APPLICATION	APPLICANT(S) Valerie BOUSQUET et a	CONF. NO. Not Yet Assigned							
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS		G DATE ROPRIATE			
	US 5,602,418	02/11/1997	Hideaki IMAI et al.		<u> </u>					
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					CLASS	YES	МО			
·	EP 1 061 564 A2	12/20/2000	EUROPE	<u> </u>	<u> </u>	X				
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OTHER I	DOCUMENTS (Include Name of the author (in the number(s), publisher, city and/or country where published.	in CAPITAL LETTERS), title of t	the article (when appropriate), title of the item (b	book, magazine,	journal, serial, syr	mposium, cata	ilog, etc.) date,			
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	Japanese Journal of Applied P	Shuji NAKAMURA et al., "Superbright Green InGaN Single-Quantum-Well-Structure Light-Emitting Diodes", Japanese Journal of Applied Physics, Publication Office Japanese Journal of Applied Physics, Tokyo, Japan, Vol. 34, No. 10B, Part 2, October 15, 1995, pages L1332-L1335								
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CNAMINED			DATE CONGIDERED							
EXAMINER			DATE CONSIDERED							
EXAMINER: Initial if	if citation considered, whether or not citation is in conformance with l	M.P.E.P. 609; Draw line through ci	itation if not in conformance and not considered. In	clude copy of this	s form with next co	mmunication t	o applicant.			